

Abstract

A method for reducing sparkle artifacts in a liquid crystal imager, comprises the steps of: low pass filtering only a first lower brightness level signal component of a video signal; and, slew rate limiting only a second lower brightness level signal component of the video signal having the low pass filtered signal component, the video signal having the low pass filtered and the slew rate limited signal components being less likely to result in sparkle artifacts in the imager. Brightness thresholds for defining the lower brightness level signal components and slew rate limits can be selected in accordance with transitions between lower and higher level gain portions of a gamma table associated with the imager, for example an LCOS imager.